

# ABSTRACT

An information-recording method includes the steps of moving a light beam at a selected linear velocity relative to the information-recording medium; controlling the light beam to generate a multi-pulse having at least three power levels of a first power level  $P_h$ , a second power level  $P_l$  which is lower than the first power level, and a third power level  $P_m$  which is intermediate therebetween, the multi-pulse being repeatedly modulated between the first power level  $P_h$  and the third power level  $P_m$ ; adjusting the third power level  $P_m$  in response to the selected linear velocity; and recording the information by irradiating the information-recording medium with the controlled light beam. Recording compatibility can be secured for information-recording apparatuses different in recording linear velocity and laser source characteristic.